

L Number	Hits	Search Text	DB	Time stamp
1	3	"5724928"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 12:09
2	4	"4478179"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 12:10
3	3	"4481920"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 12:11
4	24	"5203290"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 12:12
5	7	"5233949"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 12:12
6	9	"5243935"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 12:15
7	3	"6273673"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 12:16
8	2	"5442971"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 12:43
9	2	"5810574"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 12:44
10	11	"4515113"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 12:44

11	4	"4557232"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 12:45
12	5	"4943213"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 12:45
13	3	"5927239"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 12:46
14	4	"5951433"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 12:46
15	3	"5957099"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 12:46
16	4	"4257752"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 12:47
17	2	"4259929"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 12:47
18	7	"4336823"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 12:48
19	4	"4391574"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 12:49
20	13	"4481912"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 12:56
21	5	"4541393"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 12:56

22	4	"4799870"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 12:57
23	9	"5191863"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 12:57
24	15	"5433179"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 12:58
25	8	"5456574"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 12:59
26	7	"5622149"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 12:59
27	2	"5803042"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 13:00
28	8	"5970784"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 13:00
29	2	"5996544"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 13:00
30	3	"6209495"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 13:01
31	14	"3583371"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 13:07
32	10	"3901034"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 13:09

33	7	"3822971"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 13:09
34	5	"3804560"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 13:10
35	16	"3791227"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 13:11
36	4	"4059371"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 13:11
37	4	"4074530"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 13:11
38	5	"4295805"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 13:12
39	16	"4319551"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 13:13
40	20	"4325335"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 13:14
41	7	"4329962"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 13:14
42	18	"4368703"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 13:15
43	2	"4381700"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 13:15

44	39	"4388894"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 13:16
45	13	"4397272"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 13:17
46	11	"4435130"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 13:17

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Most Frequently Occurring Classifications of Patents Returned
From A Search of 09600320 on October 09, 2003

Original Classifications

4 123/245
4 123/90.17
3 123/502
2 123/323
2 123/55.2
2 417/310
2 418/36
2 418/61.3

Cross-Reference Classifications

4 123/90.31
4 464/2
3 123/197.4
3 123/501
2 123/202
2 123/323
2 123/55.5
2 123/55.7
2 123/65PE
2 418/36
2 418/37

Combined Classifications

5 123/245
5 123/90.31
4 123/323
4 123/90.17
4 418/36
4 464/2
3 123/197.4
3 123/501
3 123/502
3 123/65PE
3 417/310
3 418/61.3
2 123/202
2 123/55.2
2 123/55.5
2 123/55.7
2 418/195
2 418/37
2 418/61.2

09600320_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 09600320 on October 09, 2003

5 123/245 (4 OR, 1 XR)
 Class 123 : INTERNAL-COMBUSTION ENGINES
 123/200 ROTARY
 123/241 .With compression, combustion, and expansion in
 a single variable volume
 123/245 ..Alternately approaching and receding elements

5 123/90.31 (1 OR, 4 XR)
 Class 123 : INTERNAL-COMBUSTION ENGINES
 123/90.1 POPPET VALVE OPERATING MECHANISM
 123/90.31 .Camshaft drive means

4 123/323 (2 OR, 2 XR)
 Class 123 : INTERNAL-COMBUSTION ENGINES
 123/319 ENGINE SPEED REGULATOR
 123/320 .Responsive to deceleration mode (e.g., engine
 acting as a brake)
 123/323 ..Exhaust throttling or blocking

4 123/90.17 (4 OR, 0 XR)
 Class 123 : INTERNAL-COMBUSTION ENGINES
 123/90.1 POPPET VALVE OPERATING MECHANISM
 123/90.15 .With means for varying timing
 123/90.17 ..Camshaft or cam characteristics

4 418/36 (2 OR, 2 XR)
 Class 418 : ROTARY EXPANSIBLE CHAMBER DEVICES
 418/33 INTERMITTENTLY ACCELERATED AND RECEDING MEMBER
 ROTATE IN SAME PATH (ALTERNATING PISTON TYPE)

418/35 .Each a working member
 418/36 ..Working member movement controlled by
 interengaging rotating members

4 464/2 (0 OR, 4 XR)
 Class 464 : ROTARY SHAFTS, GUDGEONS, HOUSINGS, AND
 FLEXIBLE COUPLINGS FOR ROTARY SHAFTS
 464/1 SPEED RESPONSIVE DEVICE FOR ADJUSTING RELATIVE
 ROTATIONAL POSITION OF COUPLED MEMBERS

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464/2 .Actuated by fluid or electricity

3 123/197.4 (0 OR, 3 XR)

Class 123 : INTERNAL-COMBUSTION ENGINES

123/197.1 TRANSMISSION MECHANISM FROM PISTON

123/197.4 .Crankshaft and connecting rod

3 123/501 (0 OR, 3 XR)

Class 123 : INTERNAL-COMBUSTION ENGINES

123/434 CHARGE FORMING DEVICE (E.G., POLLUTION CONTROL

123/495 .With fuel pump

123/501 ..Variable beginning of pumping stroke

3 123/502 (3 OR, 0 XR)

Class 123 : INTERNAL-COMBUSTION ENGINES

123/434 CHARGE FORMING DEVICE (E.G., POLLUTION CONTROL

123/495 .With fuel pump

123/501 ..Variable beginning of pumping stroke

123/502 ...Fluid pressure control

3 123/65PE (1 OR, 2 XR)

Class 123 : INTERNAL-COMBUSTION ENGINES

123/65R TWO-CYCLE

123/65PE .Exhaust ports

3 417/310 (2 OR, 1 XR)

Class 417 : PUMPS

417/279 WITH CONDITION RESPONSIVE PUMPED FLUID CONTROL

417/307 .Pressure responsive relief or bypass valve

417/310 ..Rotary expansible chamber pump

3 418/61.3 (2 OR, 1 XR)

Class 418 : ROTARY EXPANSIBLE CHAMBER DEVICES

418/54 WORKING MEMBER HAS PLANETARY OR PLANETATING
MOVEMENT

418/58 .Plural working members or chambers

418/61.1 ..Circumferentially spaced working chambers

418/61.3 ...Rotor has one less lobe than cylinder (i.e.

Gerotor type)

2 123/202 (0 OR, 2 XR)

Class 123 : INTERNAL-COMBUSTION ENGINES

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123/200 ROTARY
123/202 .With means to control degree of compression

2 123/55.2 (2 OR, 0 XR)
 Class 123 : INTERNAL-COMBUSTION ENGINES
 123/52.1 MULTIPLE CYLINDER
 123/54.1 .Cylinders radiating
 123/55.2 ..Cylinders opposite

2 123/55.5 (0 OR, 2 XR)
 Class 123 : INTERNAL-COMBUSTION ENGINES
 123/52.1 MULTIPLE CYLINDER
 123/54.1 .Cylinders radiating
 123/55.2 ..Cylinders opposite
 123/55.4 ...Four-stroke cycle
 123/55.5 Cylinders opposite and aligned

2 123/55.7 (0 OR, 2 XR)
 Class 123 : INTERNAL-COMBUSTION ENGINES
 123/52.1 MULTIPLE CYLINDER
 123/54.1 .Cylinders radiating
 123/55.2 ..Cylinders opposite
 123/55.6 ...Two-stroke cycle
 123/55.7 Cylinders opposite and aligned

2 418/195 (1 OR, 1 XR)
 Class 418 : ROTARY EXPANSIBLE CHAMBER DEVICES
 418/191 INTERENGAGING ROTATING MEMBERS
 418/195 .Non-parallel axis

2 418/37 (0 OR, 2 XR)
 Class 418 : ROTARY EXPANSIBLE CHAMBER DEVICES
 418/33 INTERMITTENTLY ACCELERATED AND RECEDING MEMBER

S
 ROTATE IN SAME PATH (ALTERNATING PISTON T
YPE)
 418/35 .Each a working member
 418/37 ..Working member movement controlled by member
 rotating about parallel axis

2 418/61.2 (1 OR, 1 XR)
 Class 418 : ROTARY EXPANSIBLE CHAMBER DEVICES
 418/54 WORKING MEMBER HAS PLANETARY OR PLANETATING
 MOVEMENT
 418/58 .Plural working members or chambers
 418/61.1 ..Circumferentially spaced working chambers
 418/61.2 ...Rotor has one more lobe than cylinder (i.e.

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Wankel type)